PTO/SB/05 (03-01)
Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Onder	trie Faperwork	Reductio	n Act of 19	95, no	persons are req	uired to res	oond to a collection o	f information	unless it	displays a valid OMB co	ntrol number.		
UTILITY PATENT APPLICATION					Docket No.	219.40603VX1							
				First Inve	entor	LIST, R.	Scott	ott					
TRANSMITTAL					Title	A BARRIER ST	A BARRIER STRUCTURE AGAINST CORROSION AND						
(Only for new nonprovisional applications under 37 CFR 1.53(b))						CONTAMINATION IN THREE-DIMENSIONAL (3-D) TOWAFER VERTICAL STACK							
						Express	Mail Label No.						
		APPLIC/	TION EL	EMEN	ITS			Ass	istant Co	nmissioner for Patents			
SEE MPEP chapter 600 concerning utility patent applicatio						contante	TO: Box						
	Li enapter (	JOO CONCE	ming atm	y pater	nt application (	contents.	<del> </del>	vva	snington,	0			
1. X F	Fee Transmitta Submit en original and	il Form (e. Le duplicate foi	g., PTO/SB fee processing)	3/17)			7. U CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)						
	Applicant claim See 37 CFR 1.	ms small entity status. 1.27.					8. Nucleotide and/or Amino Acid Sequence Submission  fif applicable, all necessary)						
	Specification preferred arrangement se	[Total Pages 21]					a. L. Computer Readable Form (CRF) b. Specification Sequence Listing on:						
	Descriptive title Cross Referen			ations			i ☐ CD-ROM or CD-R (2 copies); or 점						
<ul> <li>-Cross Reference to Related Applications</li> <li>-Statement Regarding Fed sponsored R &amp; D</li> <li>-Reference to sequence listing, a table,</li> </ul>													
-	or a computer Background of Brief Summan	the Inven	ition	ndix				c. Statements verifying identity of above copies  ACCOMPANYING APPLICATION PARTS					
-	Brief Description	on of the [	Drawings ( <i>if</i>	filed)			AC	COMPAN	TING A	PLICATION PARTS			
-1	Detailed Descr Claim(s)	•					9. Assig	gnment Pape	ers (cover	sheet & documents(s))			
-Abstract of the Disclosure ·  4. Drawing(s) (35 U.S.C. 113) [Total Pages: 6]					10. 37 C	FR 3.73(b) S	.73(b) Statement Power of Attorney re is an assignee)						
		0.0.0. 77					11. L Engli	11. English Translation Document (if applicable)					
5. Oath or D	Declaration  Newly execute	ad (origina	_	Total F	Pages: <b>3</b> ]		12. Information Disclosure Copies of IDS Citations						
	Copy from a p	, -		ED 1 6	3 (4))		Statement (IDS)/PTO-1449						
J	(for continua		•		` ''		13. Preliminary Amendment						
		TION	NE INIVEN	ITOD	(6)		14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized)						
<ul> <li>i. LJ <u>DELETION OF INVENTOR(S)</u></li> <li>Signed statement attached deleting inventor(s)</li> </ul>						15. Certified Copy of Priority Document(s)							
Named in the prior application, see 37 CFR						(if foreign priority is claimed)							
_	1.63(d)	(2) and 1.3	33(b)				16 Nonp	ublication R	equest un	der 35 U.S.C. 122			
6. Application Data Sheet. See 37 CFR 1.76						(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.  17. Other: Credit Card Payment Form							
18 If a CO	NTINILING	ADDI IC	TION ob	ook o	annaniata ha			Credit C	ard Pay	ment Form			
or in an Ap	pplication Da	ta Sheet	under 37	CFR 1	оргорпац <del>е</del> воз 1.76:	k, and sup	oly the requisite in	tormation l	below an	d in a preliminary am	nendment,		
	Continuation		Division			uation-in-pa	rt (CIP) of prior a	pplication No	o.: <b>10/0</b> 6	6,668			
	tion informatio		xaminer: M	L.Lebe	entritt		Group Art Unit: 281	2					
For CONTIN	IUATION OR I	DIVISION	AL APPS o	nly: T	he entire discl	osure of the	prior application, f	rom which:	an oath o	r declaration is supplie	ed under		
The incorpo	onsidered a p ration <u>can o</u> n	lart of the ly be relic	disclosure ed upon wh	e of the nen a n	e accompanyin	g continua on inadverte	tion or divisional ap ently omitted from th	plication an	d is here	by incorporated by refe	erence.		
					19. COR	RESPOND	ENCE ADDRESS	ie subjinițe	u appiica	non parts.	*******		
Custom	ner Number or	Bar Code	Label			020457	800		Correspo	ndence address below			
(Insert Customer No. or Attach bar code label here)  Name  ANTONELLI, TERRY, STOUT & KRAUS, LLP													
ANTONELLI, TERRI, STOUT & RRAU							···· · · · · · · · · · · · · · · · · ·						
Address			•							****			
City						State			Zip				
Country							(700) 040 000		Code	<u></u>			
Name Hung H.					elephone	(703) 312-6600 Registration No. (Al	tomev/Acc-	Fax	(703) 312-6666				
Signature		<u> </u>	-11 00	11	Sru .			.cmcy/Agen	Date	<b>40,415</b> July 7, 2003			
	<del></del>			خلكيات	- www				שמנים	July 1, 2000			

Burden Hour Statement: This form is estimated to take .2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

July 7, 2003

Approved for use through 04/30/2003. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL		Complete if Known								
I LE INAMOMITIAL	Į.	Application Number Div				Divisional of Appln. No. 10/066,668				
for FY 2003		Filing Date				July 7, 2003				
101112003	ſ	First Named Inventor			or LIST, R. S	LIST, R. Scott.				
Effective 01/01/2003. Patent fees are subject to annual revision	on.	Exami	ner Na	me		Not Yet Assigned				
☐ Applicant claims small entity status. See 37 CFR 1.27		Art Uni	it			Not Yet Assigned				
TOTAL AMOUNT OF PAYMENT (\$) 786.00		Attorney Docket No. 219.40603VX1								
	┰┸	11101110	., 000							
METHOD OF PAYMENT (check all that apply)	┼—			F	E CALCULATION	ON (continued	)			
☐ Check ☑ Credit Card ☐ Money Order ☐ Other ☐ None	3. A		ONAL							
☑ Deposit Account:	Ī	Large Entity		Smal Entity						
Deposit Account Number 01-2135	Fee Code	Fee	Fee	Fee	Foo Door	-141				
Deposit Account Name Antonelli, Terry, Stout & Kraus, LLP		(\$)	Code	(\$)	Fee Desc	ription	Fee Paid			
The Commissioner authorized to: (check all that apply)	1051	130	2051	65	Surcharge - late fil	ling fee or oath				
☐ Charge fees indicated below ☐ Credit any overpayments	1052	50	2052	25	Surcharge – late pa cover sheet	rovisional filing fe	e or			
Charge any additional fee(s) during the pendency of this application	1053	130	1053	130	Non-English specif	ication				
Charge fees indicated below, except for the filing fee	1812	2,520	1812		For filing a request		amination			
to the above-identified deposit account.	1804	920*	1804		Requesting publica	ation of SIR prior t				
FEE CALCULATION	1805	1,840*	1805	1.840	Examination action  *Requesting publication					
BASIC FILING FEE     Large Entity Small Entity	1,054				Examiner action					
Fee Fee Fee Fee Description  Fee Paid  Code (\$) Code (\$)	1251 1252	110 410	2251 2252	55 205	Extension for reply					
1001 750 2001 375 Utility filing fee 750	1252	930	2252	205 465	Extension for reply					
1002 330 2002 165 Design filing fee	1254	1,450	2254	725	Extension for reply Extension for reply					
1003 520 2003 260 Plant filing fee	1255	1,970	2255	985	Extension for reply					
1004 750 2004 375 Reissue filing fee	1401	320	2401	160	Notice of Appeal					
1005 160 2005 80 Provisional filing fee	1402	320	2402	160	Filing a brief in sup	port of an appeal				
SUBTOTAL (1) 750	1403	280	2403	140	Request for oral he					
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1451	1,510	1451	1,510	Petition to institute	a public use proce	eeding			
Fee from	1452	110	2452	55	Petition to revive -	unavoidable				
Extra Claims below Fee Paid	1453	1,300	2453	650	Petition to revive -	unintentional				
Total Claims 22 -20** = 2 x 18.00 = 36.00	1501	1,300	2501	650	Utility issue fee (or	reissue)				
Indep. 3 -3** = 0 x = Claims	1502 1503	470 630	2502	235	Design issue fee					
Multiple Dependent =	1406	130	2503 1460	315 130	Plant issue fee					
	1807	50	1807	50	Petitions to the Con Processing fee und		`			
	1806	180	1806	180	Submission of Infor					
Large Entity Small Entity	8021	40	8021	40	Recording each pat property (times num	ent assignment p	er			
Fee Fee Fee Fee Fee Description Code (\$) Code (\$)	1809	750	2809	375	Filing a submission (37 CFR § 1.129(a)	after final rejectio				
1202         18         2202         9         Claims in excess of 20           1201         84         2201         42         Independent claims in excess of 3	1810	750	2810	375	For each additional	invention to be				
4000 000 000	1801	750	2801	375	examined (37 CFR Request for Continu	•	RCE)			
- The second sec	1802	900	1802	900	Request for expedit	ed examination	,			
1204 84 2204 42 ** Reissue independent claims over original patent	Other f	of a design application Other fee (specify)								
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent		Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0					(2) (4) 0			
SUBTOTAL (2) \$ 36.00 **or number previously paid, if greater; For Reissues, see above.		5, 0				SOBIOTAL	. (J) (P) U			
SUBMITTED BY					Complete (if a	pplicable)				
	Registra					i -	<u> </u>			
Name (Print/Type) Hung H. Bui	(Attome)	//Agent)			40,415	Telephone				
Signature Jung John Su	u					Date	July 7, 2003			

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit care information and authorization on PTO-2038.

this form. Provide credit care information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.